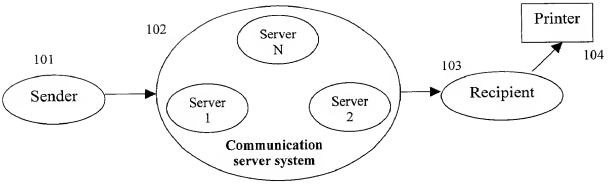

101
Sender
102
Server
N
Server
1
Server
2
Communication
server system
103
Recipient
Printer
104

Figure 1

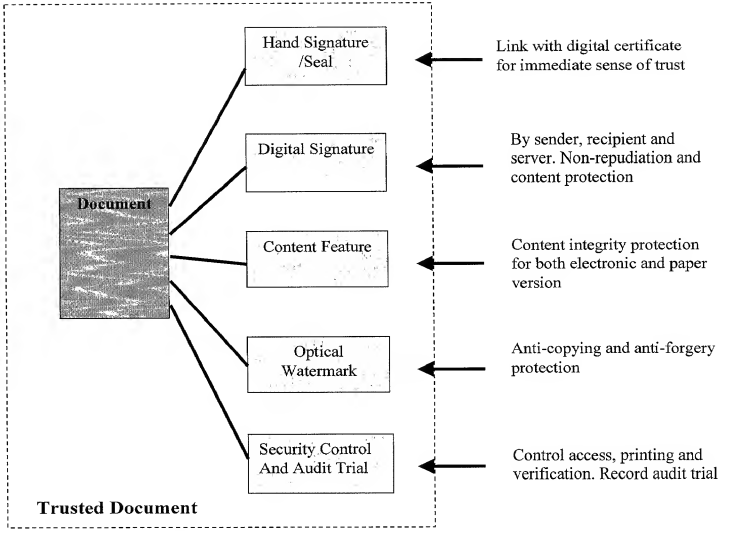

Hand Signature /Seal
Digital Signature
Document
Content Feature
Optical Watermark
Security Control And Audit Trial
Trusted Document
Link with digital certificate for immediate sense of trust
By sender, recipient and server. Non-repudiation and content protection
Content integrity protection for both electronic and paper version
Anti-copying and anti-forgery protection
Control access, printing and verification. Record audit trial

Figure 2

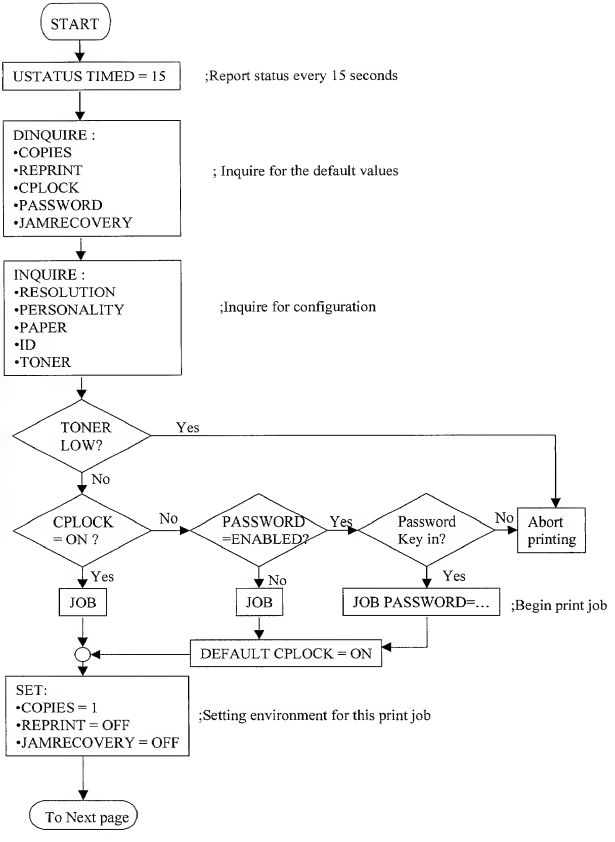


Figure 3, first part

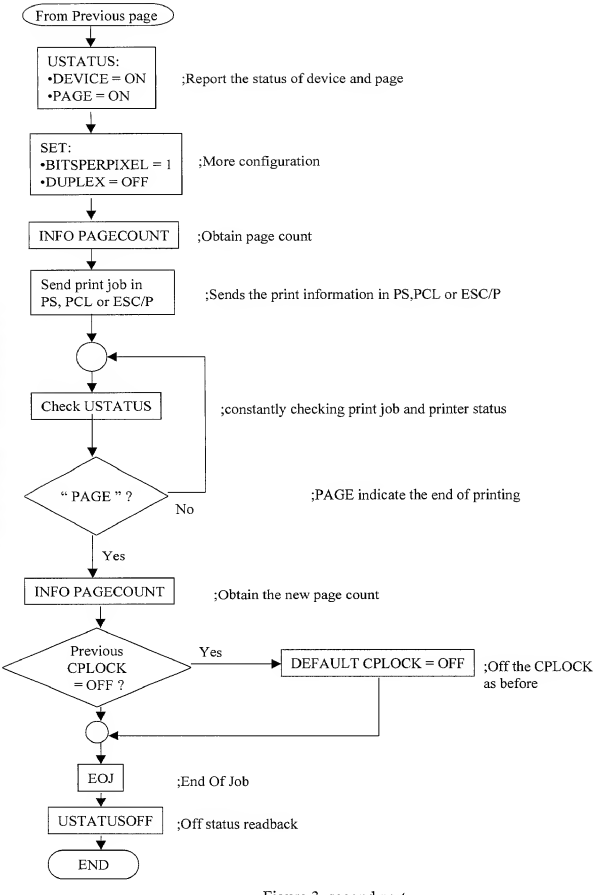
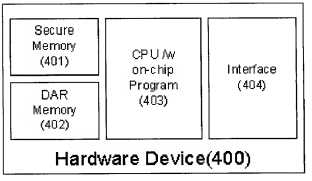


Figure 3, second part



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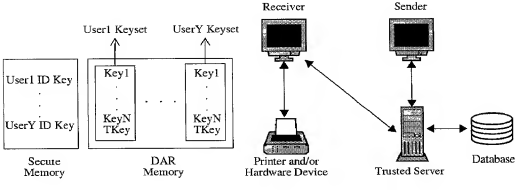

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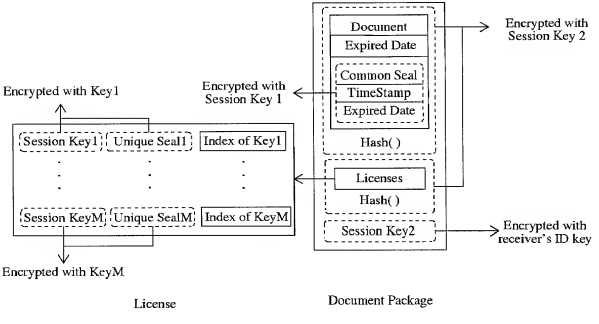

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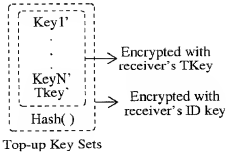

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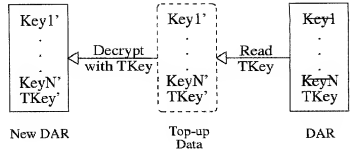

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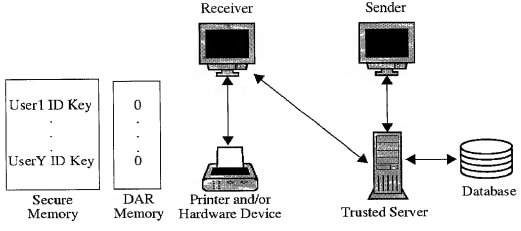

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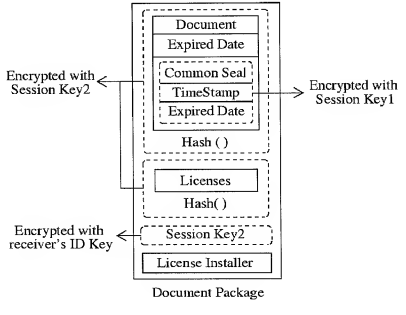
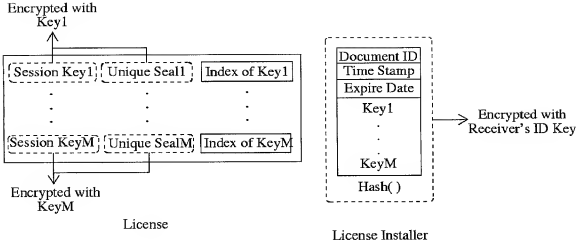


Figure 10



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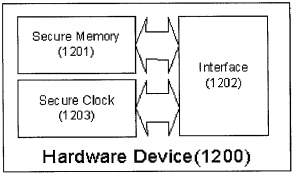

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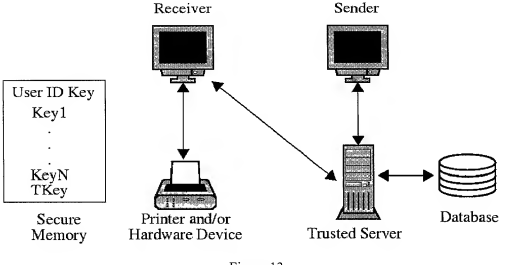


Figure 13

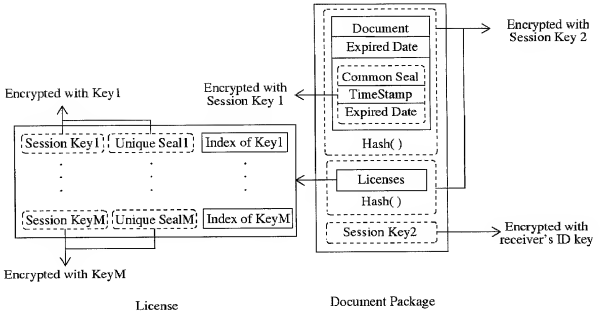


Figure 14

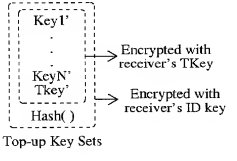


Figure 15

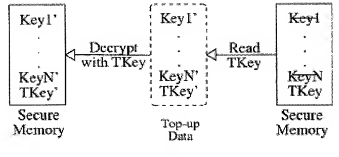


Figure 16

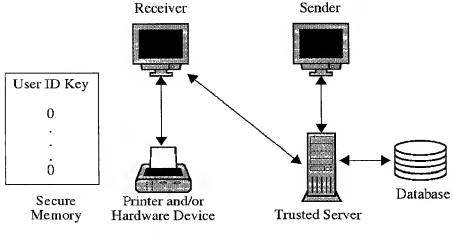
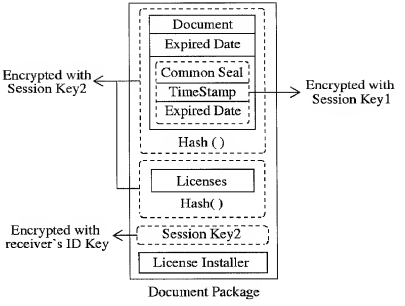


Figure 17



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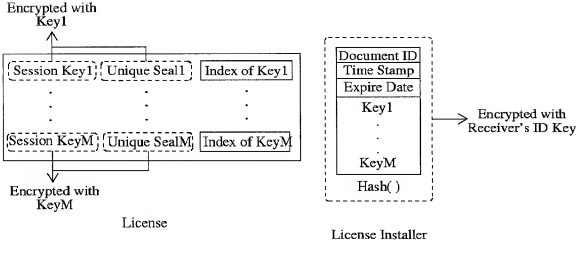

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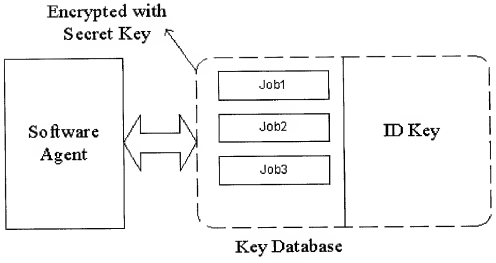

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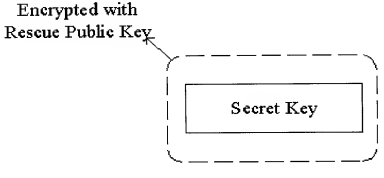
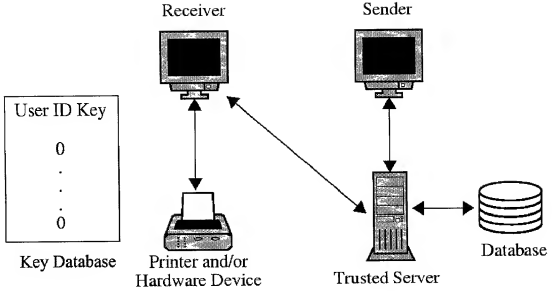


Figure 21



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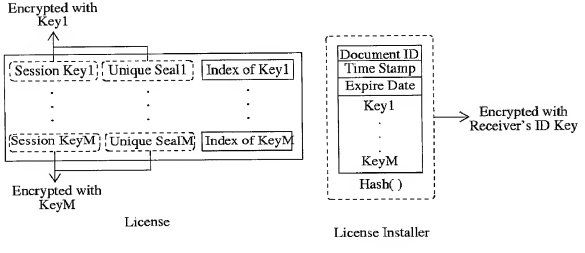

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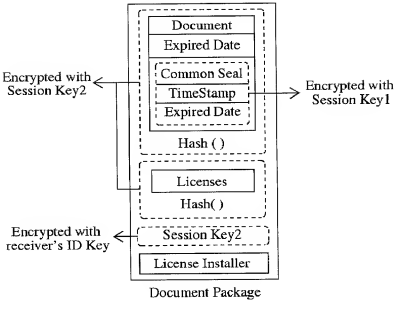
Document
Expired Date
Common Seal
TimeStamp
Expired Date
Hash ( )
Licenses
Hash( )
Session Key2
License Installer
Document Package
Encrypted with Session Key2
Encrypted with Session Key1
Encrypted with receiver's ID Key

Figure 24